Patent Application
Attorney Docket No.: 57983.000051
Client Reference No.: 14375ROUS02U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
                                         :
    How Kee Au et al.   : Group Art Unit: 2633
                                         :
Appln. No.: 09/972,911   :
                                         : Examiner: Nathan M. Cure
Filed: October 10, 2001   :
                                         :
For: DISTRIBUTED PHOTONIC SWITCH   :
    AND OPTICAL UNI SERVER | 09/30/2005 JADD01   00000008 09972911
                                         | 01 FC:1806   180.00 OP
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty under 37 C.F.R. § 1.56 of each individual associated with the filing and prosecution of the above-identified patent application (hereinafter, "associated individuals") to disclose all information known to that individual to be material to patentability, Applicant(s) hereby submits attached Form PTO-1449 (modified) listing cited references. This submission is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609.

The cited references, while believed to be of some relevance, are not necessarily considered to teach or suggest any aspect of the invention described and claimed in the above-identified patent application. Applicant(s) hereby expressly

57983.000051 WASHINGTON 546044v1

reserves the right to swear behind the effective dates of any of the cited references. Applicant(s) further reserves the right to question the relevance, materiality, and/or prior art status of any of the cited references in whole, in part, or in combination, subsequent to the filing of this information disclosure statement. This information disclosure statement is also not to be construed as a representation that a search has, or has not, been conducted or that no better art exists. Rather, this information disclosure statement discloses only the best references of which the associated individuals are aware.

The Examiner is respectfully requested to consider each of the cited references, to indicate such consideration by initialing in the space provided next to each cited reference on the enclosed Form PTO-1449 (modified), to sign the initialed Form PTO-1449 (modified), and to return a copy of the same with the next communication to the Applicant(s).

In accordance with 37 C.F.R. § 1.98(a), only copies of the cited references which are not U.S. patents or U.S. patent application publications are being submitted herewith. However, copies of the cited references which are U.S. patents or U.S. patent application publications will be submitted at the request of the Examiner. In considering these cited references, it may be noted by the Examiner that certain of the references may

contain markings, underlinings, and/or other notations. These markings, underlinings, and/or other notations are not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of these cited references. Any such markings were either present on the copies of these cited references when obtained by the associated individuals, or were made thereon during the study of these cited references by the associated individuals.

In accordance with 37 C.F.R. § 1.97(c), this information disclosure statement is being filed (i) before the mailing date of a final Office Action for the above-identified patent application; (ii) before the mailing date of a Notice of Allowance for the above-identified patent application; or (iii) before the mailing date of an Office Action that otherwise closes prosecution in the above-identified patent application. Accordingly, this information disclosure statement is accompanied by a check or an authorization to charge the information disclosure statement submission fee of $180.00 under 37 C.F.R. § 1.17(p) to Deposit Account No. 50-0206.

Please charge any shortage in fees due in connection with the filing of this communication to Deposit Account No. 50-0206, and please credit any excess fees to such deposit account.

Respectfully submitted,

Hunton & Williams LLP

By: _____
Thomas E. Anderson
Registration No. 37,063

TEA/vrp

Hunton & Williams LLP
1900 K Street, N.W.
Washington, D.C. 20006-1109
Telephone: (202) 955-1500
Facsimile: (202) 778-2201

Date: September 29, 2005

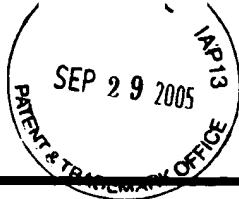| Substitute for form 1449/PTO		Application Number	09/972,911
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*		Filing Date	October 10, 2001
		First Named Inventor	How Kee Au
		Art Unit	2633
		Examiner Name	Nathan M. Cure
Sheet	1 of 3	Attorney Docket Number	57983.00051

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	1.	D. BRUNGARD, "Requirements for Generalized MPLS (GMPLS) Routing for Automatically Switched Optical Network (ASON)", http://www.ietf.org/internet-drafts/draft-ietf-ccamp-gmpls-ason-routing-reqts-05.txt, October 2004.	☒	☐
	2.	O. GERSTEL, et al. "Optical Layer Survivability: an Implementation Perspective", IEEE Journal on Selected Areas in Communications, Vol. 18, No. 10, Oct. 2000, pp. 1885-1899.	☒	☐
	3.	L. BERGER, "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Functional Description," http://www.ietf.org/rfc/rfc3471.txt, January 2003.	☒	☐
	4.	M. MAYER, "First Draft of Gason," CONTRIBUTION TO T1 STANDARDS PROJECTS, T1X1.5/2000-128, March 2000.	☒	☐
	5.	M. Mayer, "Further Discussion of Requirements for Automatically Switched Optical Channel Networks<" CONTRIBUTION TO TI STANDARDS PROJECT, t1X1.5/2000-32m January 2000.	☒	☐
	6.	R. Ramaswami, et al. "Optical Networks: A Practical Perspective", Morgan Kaufmann Publishers, Inc. San Francisco, CA, http://www.e-tba.com/books/optical-networks-practical-perspective.htm, October 15, 2001.	☒	☐
	7.	J. Lang, et al. "Link Management Protocol (LMP) ", IEFT draft draft-lang-mpls-lmp-02.txt, ftp://ftp.isi.edu/internet-drafts/draft-ieft-ccamp-lmp-10.txt, October 2003.	☒	☐
	8.	D. GRIFFITH, "A Comparison of RSVP-TE and CR-LDP", Optical Internetworking Forum (OIF) contribution OIF2000.179, August 2000	☒	☐
	9.	P. BRITTAIN et al., "MPLS Traffic Engineering: A Choice of Signaling Protocols", white paper of Data Connection Limited, http://www.dataconnections.com, January 2000.	☒	☐
	10.	E. ROSEN, et al. "Multiprotocol Label Switching Architecture", IETF RFC 3031, http://www.ietf.org/rfc/rfc3031.text?number=3031, January 2001.	☒	☐
	11.	L. ANDERSSON, et al. "LDP Specification", IETF RFC 3036, http://www.ieft.org/rfc/rfc3036.tex?number=3036, January 2001	☒	☐

EXAMINER SIGNATURE		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO		Application Number	09/972,911
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*		Filing Date	October 10, 2001
		First Named Inventor	How Kee Au
		Art Unit	2633
		Examiner Name	Nathan M. Cure
Sheet	**2 of 3**	Attorney Docket Number	57984.000051

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	12.	D. AWDUCHE, et al. "Requirements for Traffic Engineering Over MPLS", IETF RFC 2072, http://www.ietf.org/rfc/rfc2702.txt?number=2702, September 1999.	☒	☐
	13.	B. JAMOUSSI, et al. "Constraint-Based LSP Setup Using LDP", IETF draft draft-ietf-mpls-cr-ldp-04.txt, http://www.ietf.org/rfc/rfc3212.txt?number =3212, July 2002.	☒	☐
	14.	Y. FAN et al., "Extensions to CR-LDP and RSVP-TE for Optical Path Set-up" draft-fan-mpls-lambda-signaling-00.txt, IETF Draft, March 2000	☒	☐
	15.	E. MANNIE, "Generalized Multi-Protocol Label Switching (GMPLS) Architecture," IETF Draft, http://www.ieft.org/rfc/rfc3945.txt?number=3945, October 2004.	☒	☐
	16.	"User Network Interface (UNI) 1.0 Signaling Specification, The Optical Internetworking Forum, 2001.	☒	☐
	17.	G. WANG, et al., "Extensions to OSPF/IS-IS for Optical Routing", draft-wang-isis-lambda-te-routing-00.txt, March 2000	☒	☐
	18.	Draft ITU-T Recommendation G.872, "Architecture of Optical Transport Networks," Series G: Transmission Systems and Media, Digital Systems and Networks, Digital Networks - Optical Transport Networks, November 2001	☒	☐
	19.	C. Wright, "User Network Interface (UNI) 1.0 Interoperability Test Plan", Internet Draft, "OIF2001.081", January 2001.	☒	☐
	20.	P. ASHWOOD-SMITH, "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Constraint-based Routed Label Distribution Protoco (CR-LDP) Extensions", The Internet Society, http://www.ieft.org/rfc/rfc3472.txt, January 2003.	☒	☐
	21.	J. ASH, "LSP Modification Using CR-LDP", The Internet Society, http://www.ietf.org/rfc/rfc3214.txt, January 2002.	☒	☐
	22.	B. FOX, "Virtual Private Networks Identifier," The Internet Society, http://www.faqs.org/rfcs/rfc2685.html, September 1999	☒	☐

EXAMINER SIGNATURE		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08B (08/03) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	**Application Number**	09/972,911	
	Filing Date	October 10, 2001	
	First Named Inventor	How Kee Au	
	Art Unit	2633	
	Examiner Name	Nathan M. Cure	
Sheet 3 of 3	**Attorney Docket Number**	57983.000051	

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	23.	Draft_routing_isis.txt	☒	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐

EXAMINER SIGNATURE	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.